

EXTRA PRACTICE 12
Solving Formulas
Use after Section 2.6

Name _____

Example: Solve for a . $P = 2a + 3b + 4c$
 $P - 3b - 4c = 2a$
 $\frac{P - 3b - 4c}{2} = a$

Solve for the given letter.

1. $A = p + prt$ for r _____ 2. $A = p + prt$ for t _____

3. $V = lwh$ for l _____ 4. $V = lwh$ for h _____

5. $A = \frac{1}{2}d_1d_2$ for d_1 _____ 6. $A = \frac{1}{2}d_1d_2$ for d_2 _____

7. $y = mx + b$ for m _____ 8. $y = mx + b$ for b _____

9. $p = \frac{100a}{t}$ for a _____ 10. $y = \frac{kx}{z}$ for x _____

11. $A = 2\pi r$ for π _____ 12. $V = \pi r^2 h$ for h _____